

Title (en)

TRIM PART FOR A VEHICLE INTERIOR AND METHOD FOR PRODUCING SUCH A MOULDED PART

Title (de)

DEKORTEIL FÜR EINEN FAHRZEUGINNENRAUM UND VERFAHREN ZUM HERSTELLEN EINES SOLCHEN FORMTEILS

Title (fr)

PIÈCE DÉCORATIVE POUR HABITACLE DE VÉHICULE ET PROCÉDÉ DE FABRICATION D'UNE PIÈCE MOULÉE DE CE TYPE

Publication

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Application

**EP 18782341 A 20180924**

Priority

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Abstract (en)

[origin: WO2019063483A1] The invention relates to a moulded part (10), in particular a trim part or a lining part that is embodied as a moulded part for a vehicle interior, comprising a trim layer (11) and a support (12) arranged on a back side (13) of the trim layer (11), wherein the trim layer (11) comprises a trim ply (15) and a light-guiding optical layer (16) with a first refractive index, wherein the optical layer (16) is arranged on a front side (14) of the trim layer (11) that is embodied as a viewing side, wherein at least one light source (19) is provided on or in the moulded part (10) for illuminating and/or shining through the optical layer (16), wherein the light source (19) is arranged in such a way that the light emanating from the light source (19) is laterally coupled into the optical layer (16) in direct and/or indirect fashion. The invention is characterized in that a light-guiding additional layer (17) with a second refractive index is provided in the trim layer (11) between the trim ply (15) and the optical layer (16), adjacent to the optical layer (16), wherein the first refractive index of the optical layer (16) is greater than the second refractive index of the additional layer (17). Further, the invention relates to a method for producing a moulded part (10).

IPC 8 full level

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Citation (search report)

See references of WO 2019063483A1

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**DE 102017122429 A1 20190328**; CN 111479723 A 20200731; CN 111479723 B 20240312; EP 3509911 A1 20190717; EP 3509911 B1 20200325; US 11186222 B2 20211130; US 2020231090 A1 20200723; WO 2019063483 A1 20190404

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